



Natural disasters, fires, famine, floods, hurricanes, earthquakes, terrorism.

Eriol Fox | Design for Crisis | Ushahidi | Third Sector Design | @erioldoesdesign

Hi, I'm Eriol. (Ehh-roll).

I'm a humanitarian designer or a human rights centred designer.
Open Source Design advocate.

They/Them pronouns.

10 years in digital product design and UX.

7+ years in Community/Humanitarian spaces.



Crisis lifecycle and background

MVP and Automation

Kenya field research

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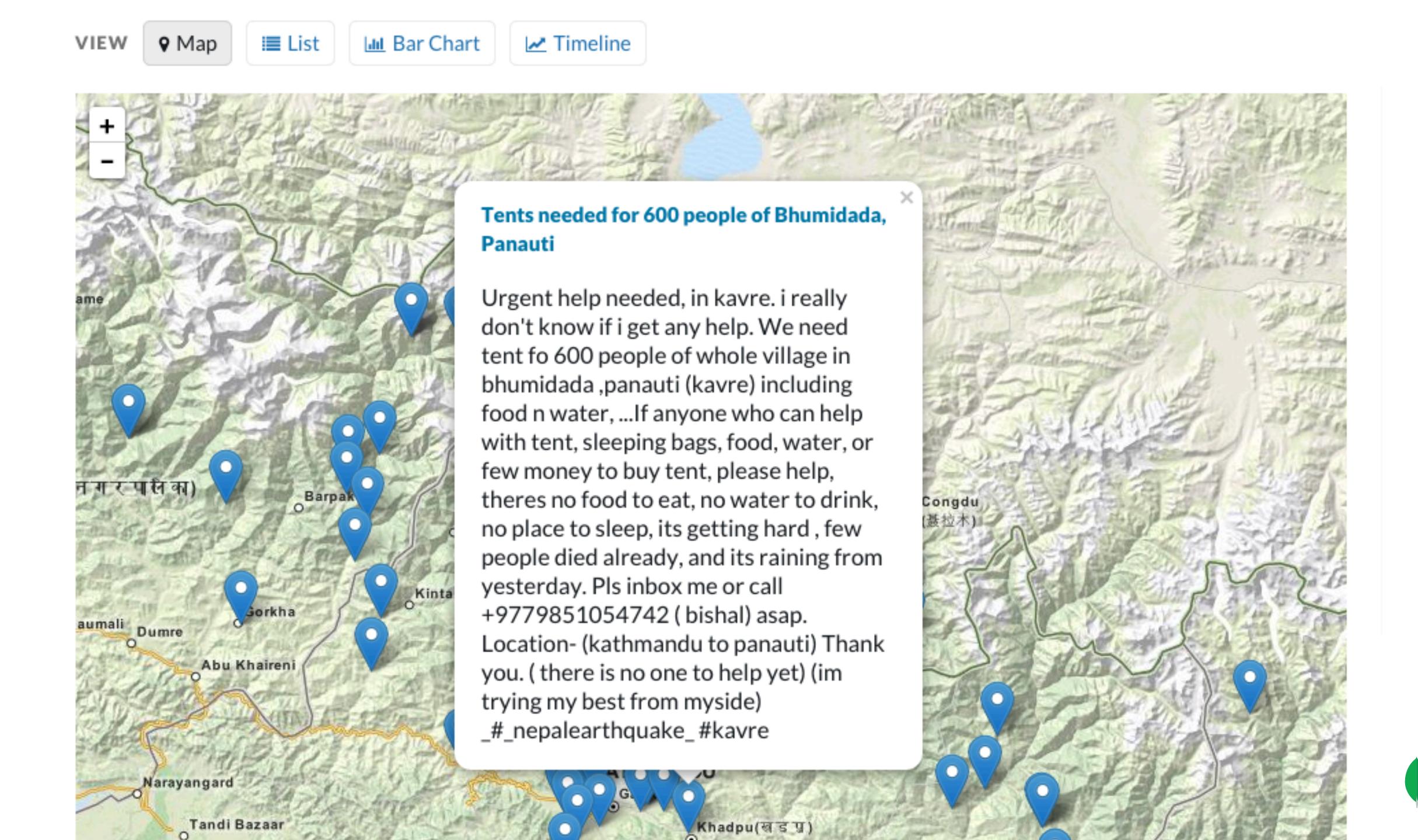
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Crisis lifecycle and background





Using Ushahidi's OSS tools, Kathmandu Living Labs was able to map all the health facilities in Kathmandu Valley before the earthquake, which undoubtedly helped the relief workers' ability to deliver supplies and help save lives.





Kerala Floods irmamiami.ushahidi.io

Hurricane Irma irmamiami.ushahidi.io

Somalia's drought abaaraha.org

Terrorisim in Kenya tenfour.org

Covid-19
ushahidi.com/covid

In a Crisis, discovering the needs of people who are affected is complicated.

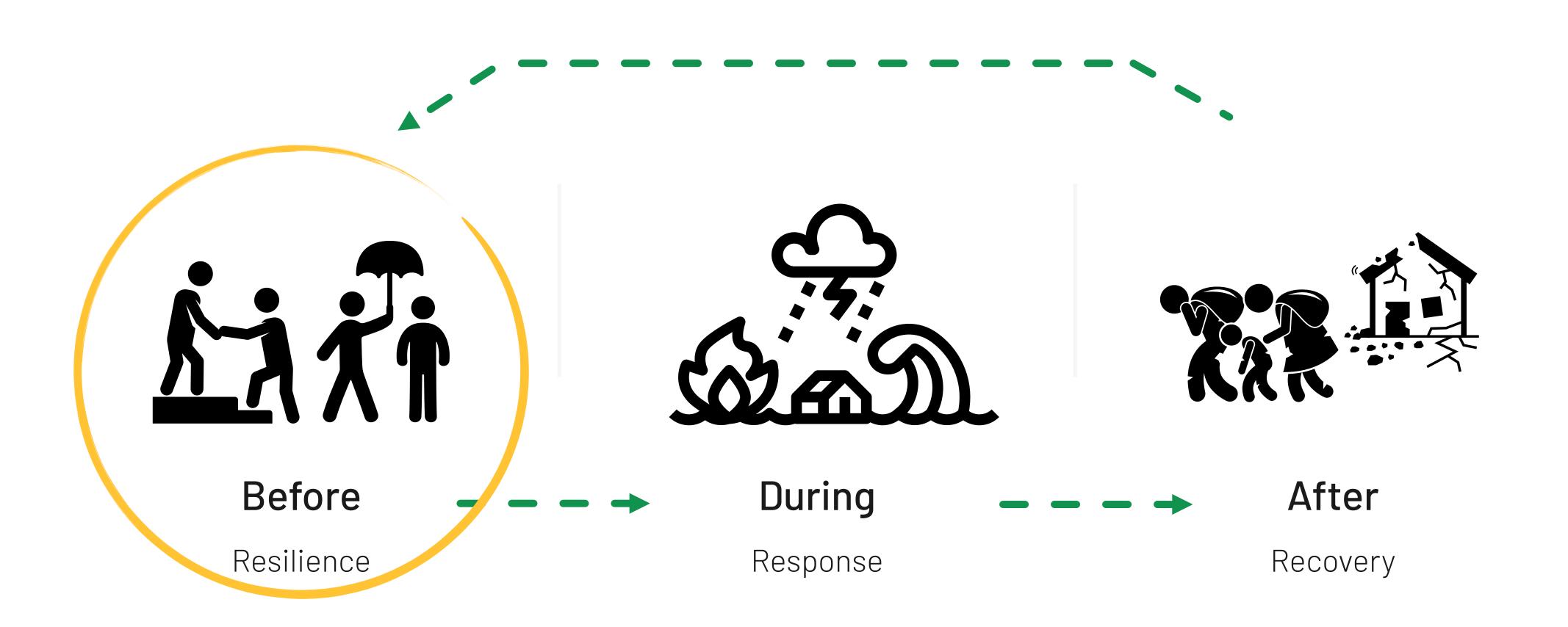


Lifecycle of a crisis





Lifecycle of a crisis





Can a tech tool help a community build capacity to help each other before an incident?

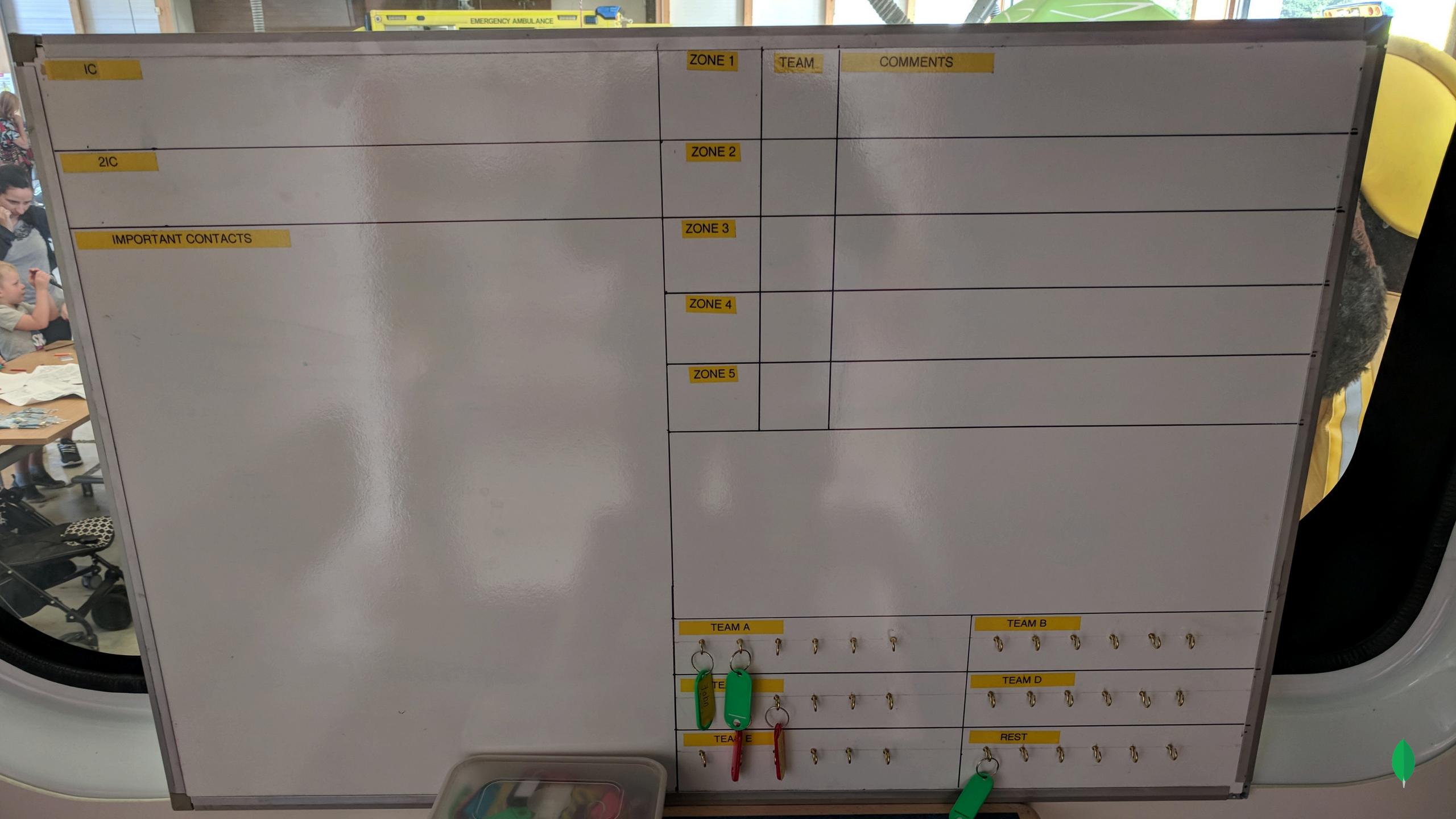


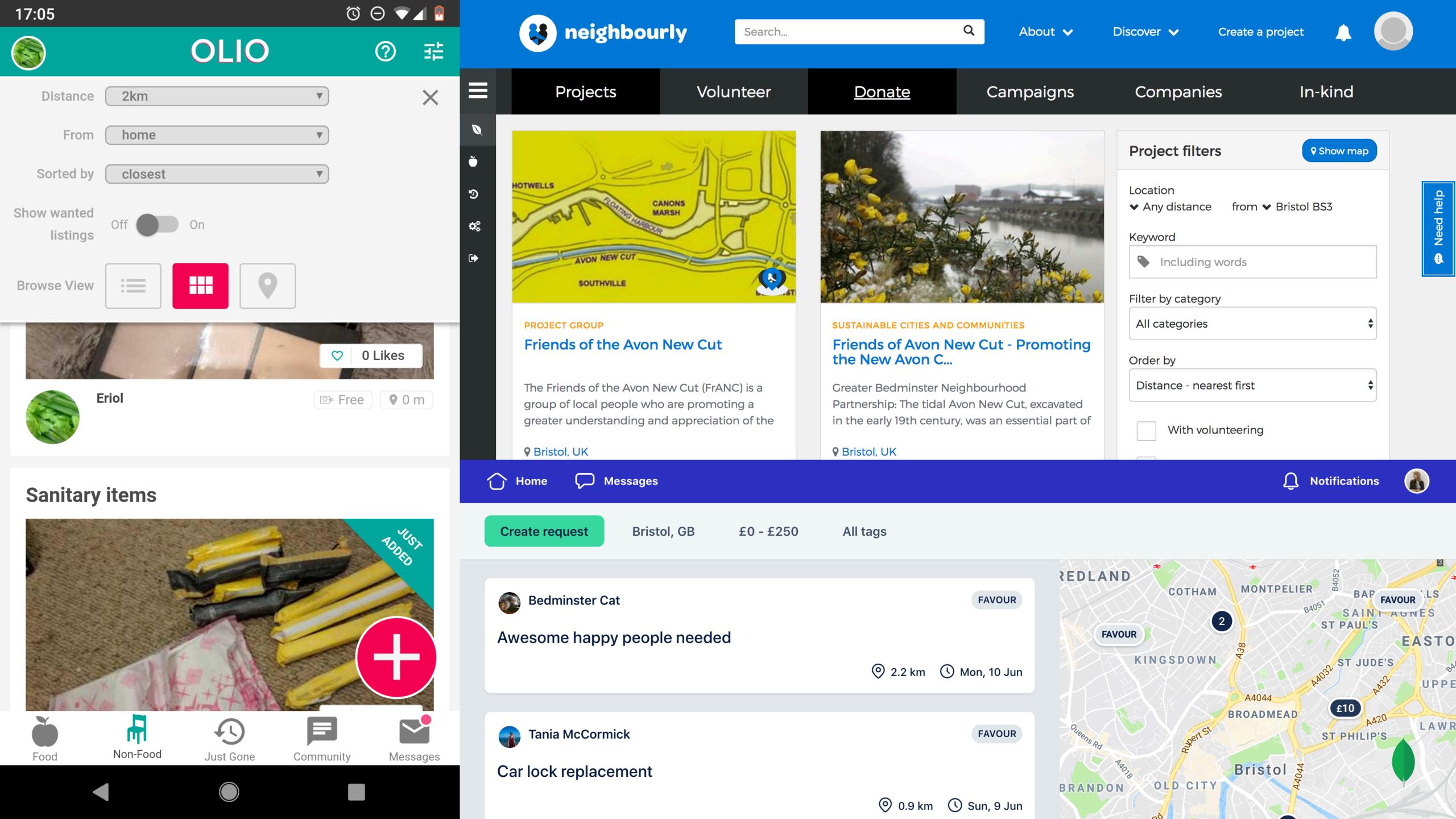
Communities band together in crisis.













Real life connections alongside a digital solution.



MVP and Automation



MVP: What do we need to know from users?

Why do you help?

What are the deep motivations for helping members of your community?

What is the risk?

How do helpers/requester mitigate risk to their safety?

Small choices matter

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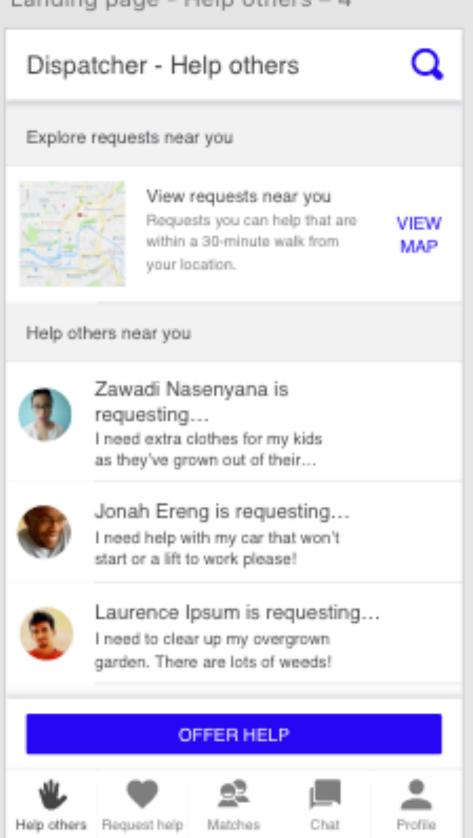
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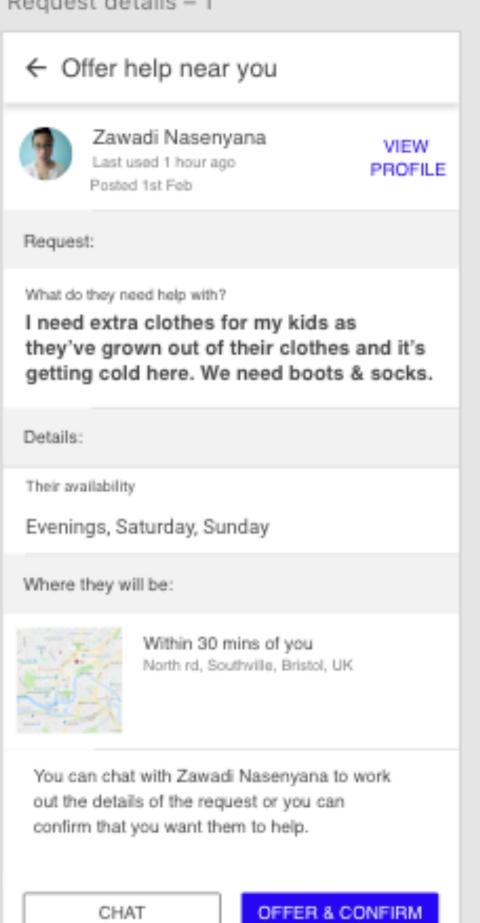
Research. Dev scope. Fundraising. Design+Deviteration x 5. Field Work prep. QA testing. In-country field work. Reporting.



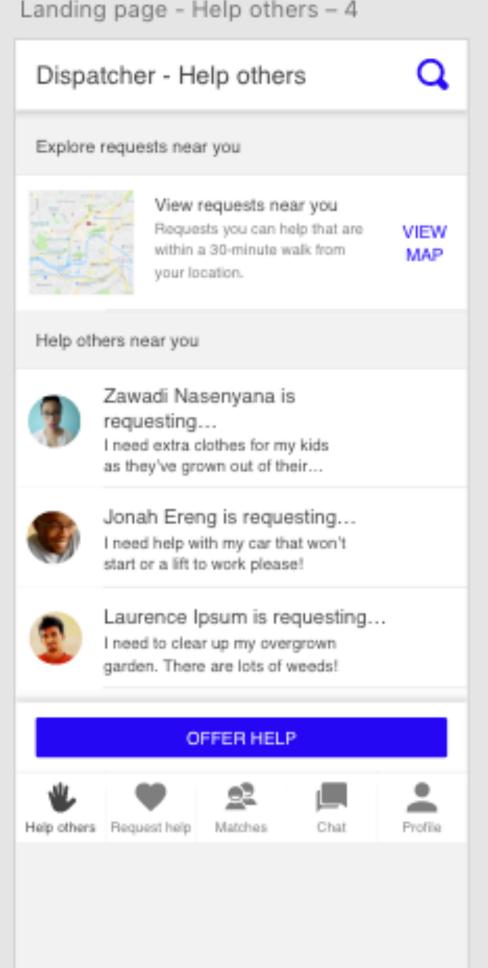
Landing page - Help others - 4



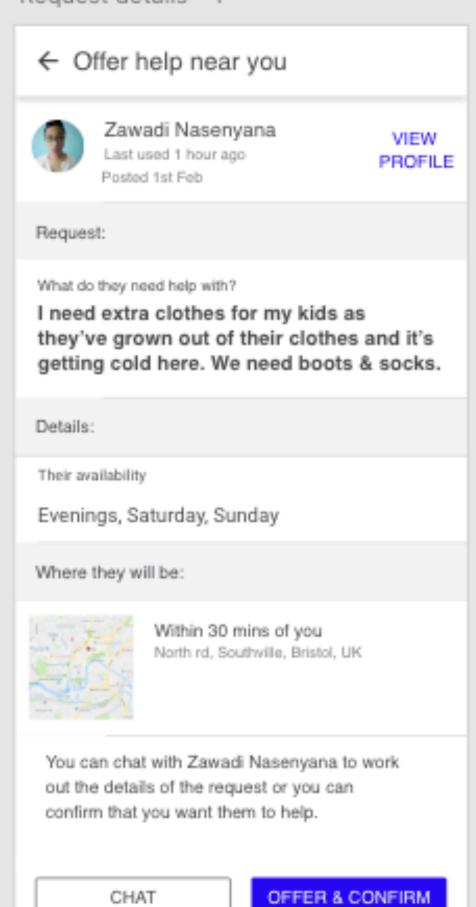
Request details - 1



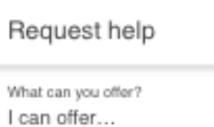
Landing page - Help others - 4



Request details – 1



Offer help - description active -



Describe the activities or items you can offer

Details

What's your availability?

Evenings, Saturday, Sunday

Where will you be?



Your device location

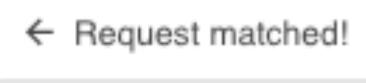
You will request help from tolks within 30 minutes from your device's location.

REVIEW OFFER & CONFIRM



How might we use automation to build real life connection in resilience exchanges?

It's a match!





Brook Velasquez Last used 1 week ago Posted 1st Feb

VIEW PROFILE

Details of offer:

What they are offering:

We've got plenty of spare clothes from our youngest. We haven't sold yet.

Details:

Their availability

Mornings, Evenings, Sunday

Where they will be:



Within 30 mins of you Pete's Coffee, George Padmore Ln, Nairobi, Kenya.

You can chat with Brook Velasquez to work out the details of the request or you can confirm that you want their help.

If you don't want to accept help for this person you can view a list of other people who can help.

CONFIRM

Landing page - matches - You to accept...

Matches





Waiting for response



Izzy Meggat is requesting...

I need warm clothes for my kid's CONFIRMED it's getting cold and they don't...



Brook Velasquez is

offering... PENDING I have lots of spare kids clothes ACCEPTANCE and toys before I sell them...



Izzy Meggat is offering...

I've made too much jam from my berry harvest and I'm giving it...



James Bowden is

requesting... I'd really like some of that extra jam you have for a...

CONFIRMED

ACCEPT



Confirmed matches



Izzy Meggat is offering...

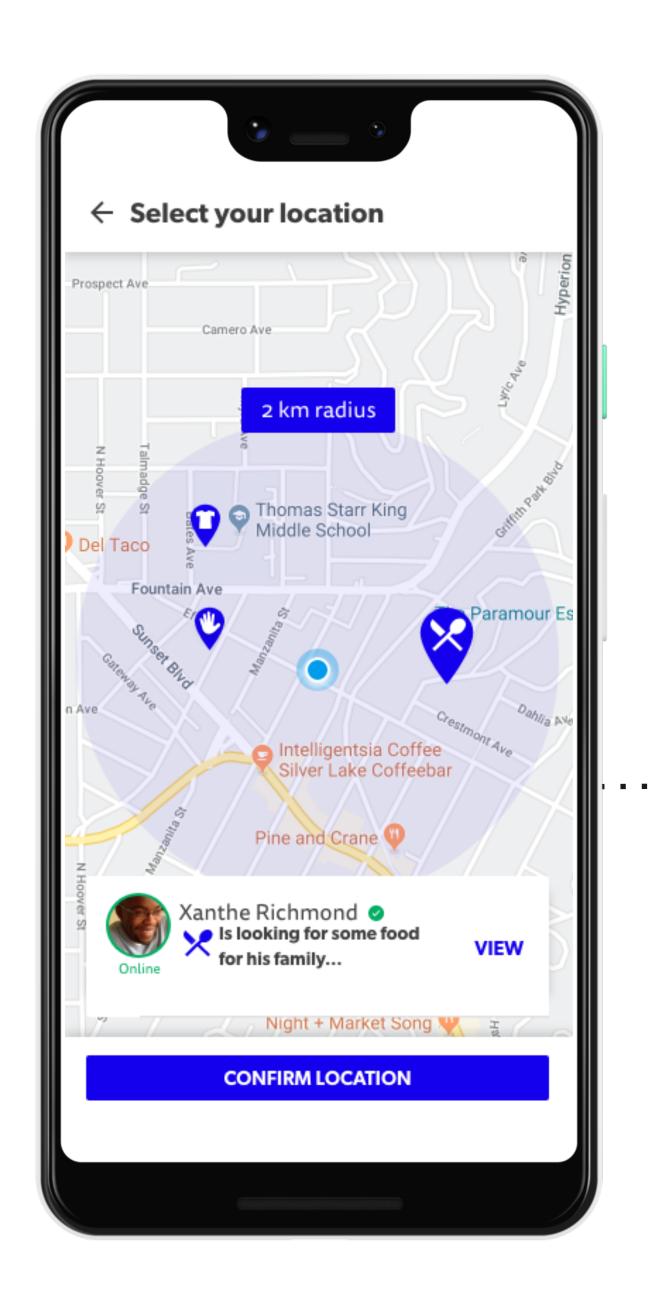
I love gardening! I can help with any kind of yard work... CONFIRMED



Laurence Laloux is



A peer-to-peer, community led, needs assessment, matching, and recommendation system.

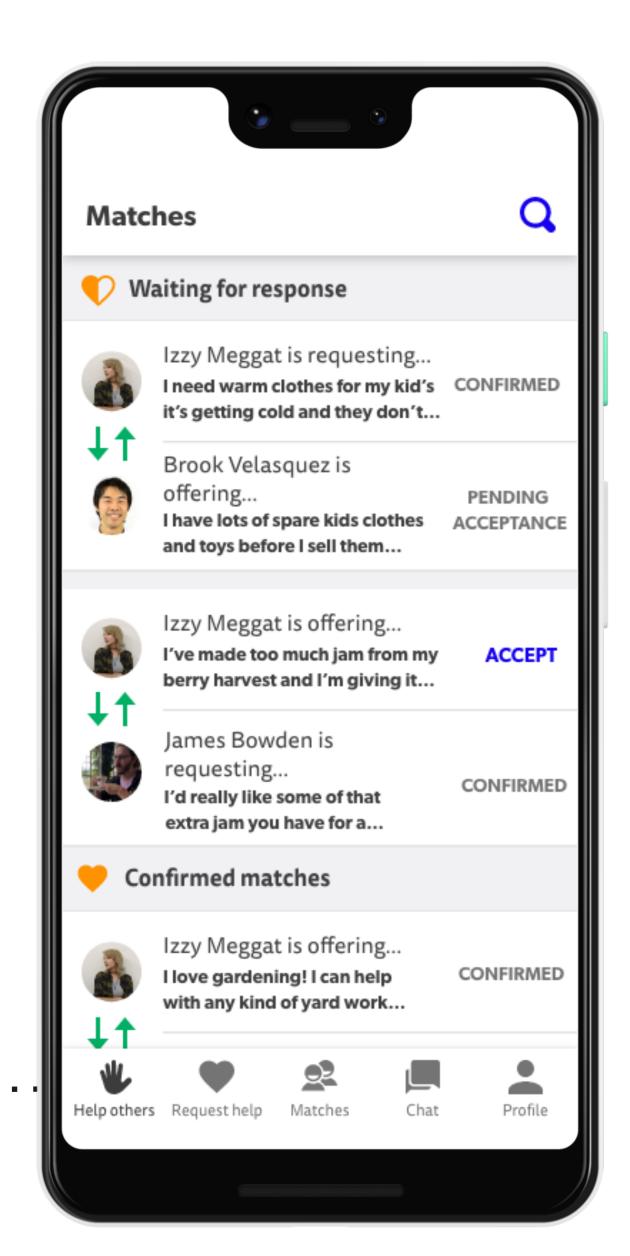


Categories

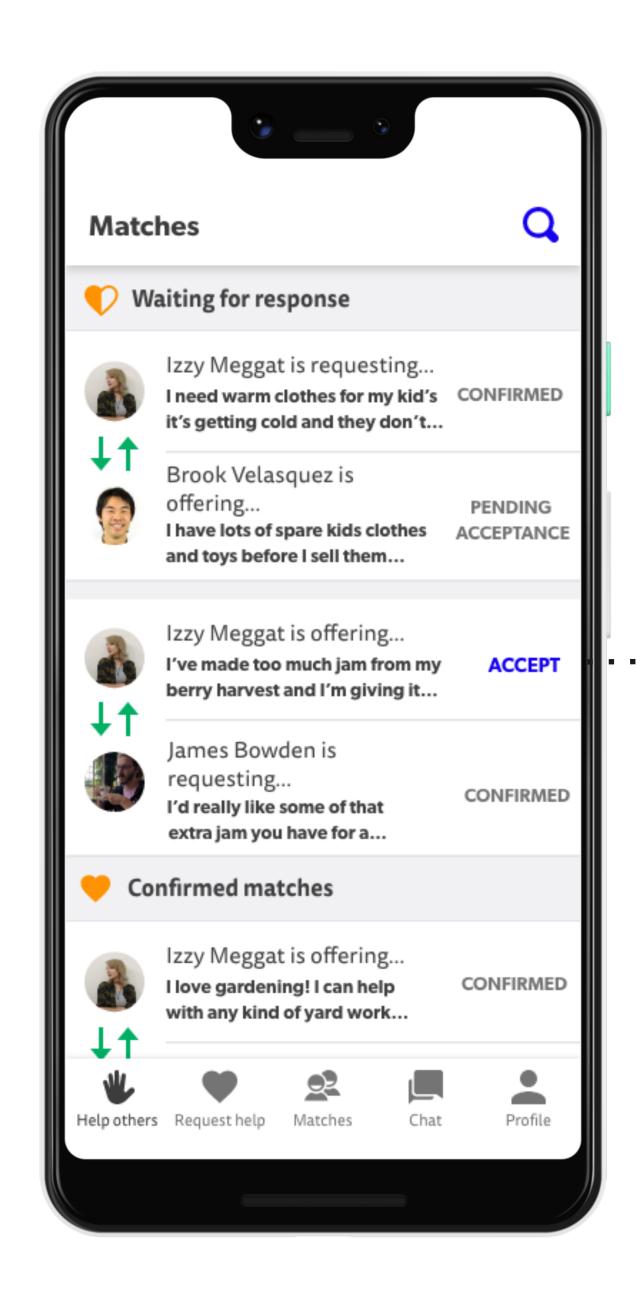
Categories and tags help with the matching process and helps Dispatcher learn.

Offer or receive

Choose both offer or receive, there no obligation to participate both ways.





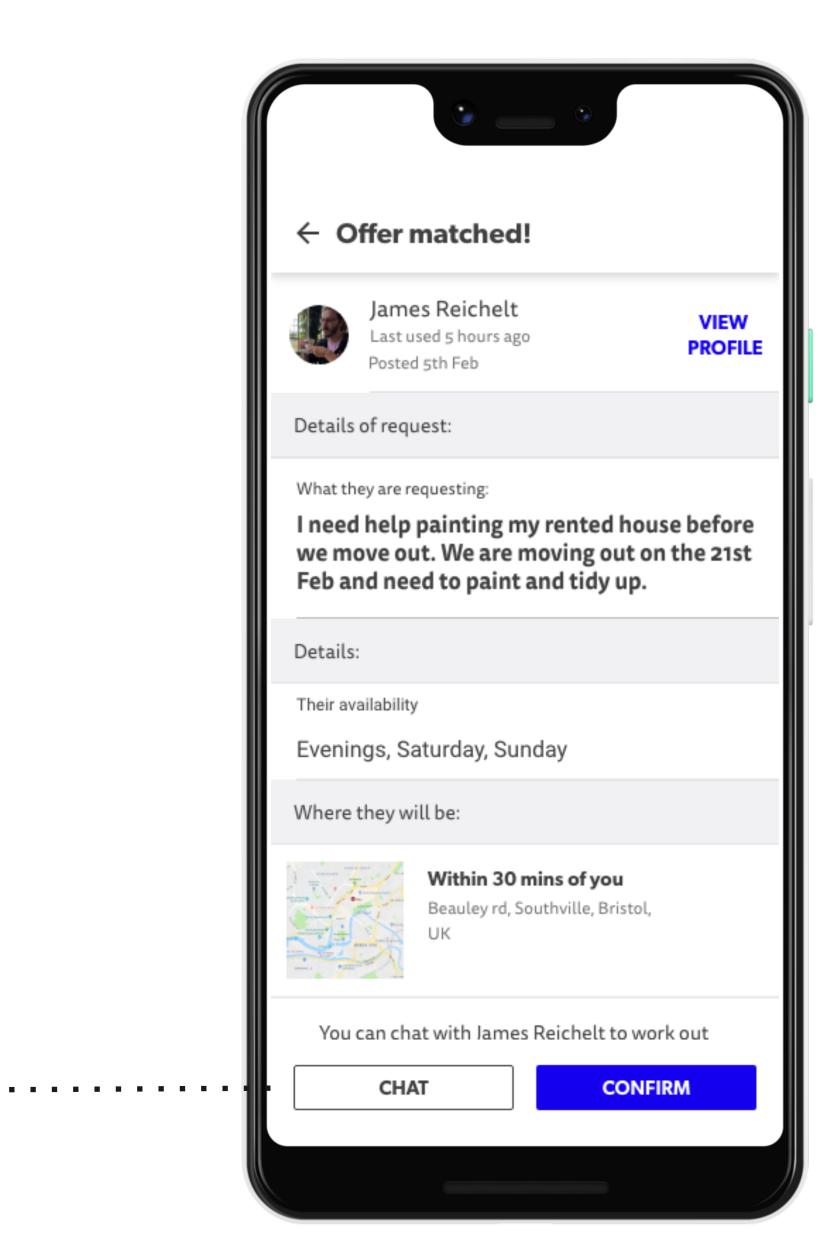


Safety

Even if you match, you can still anonymously decline to exchange help.

Chat builds trust

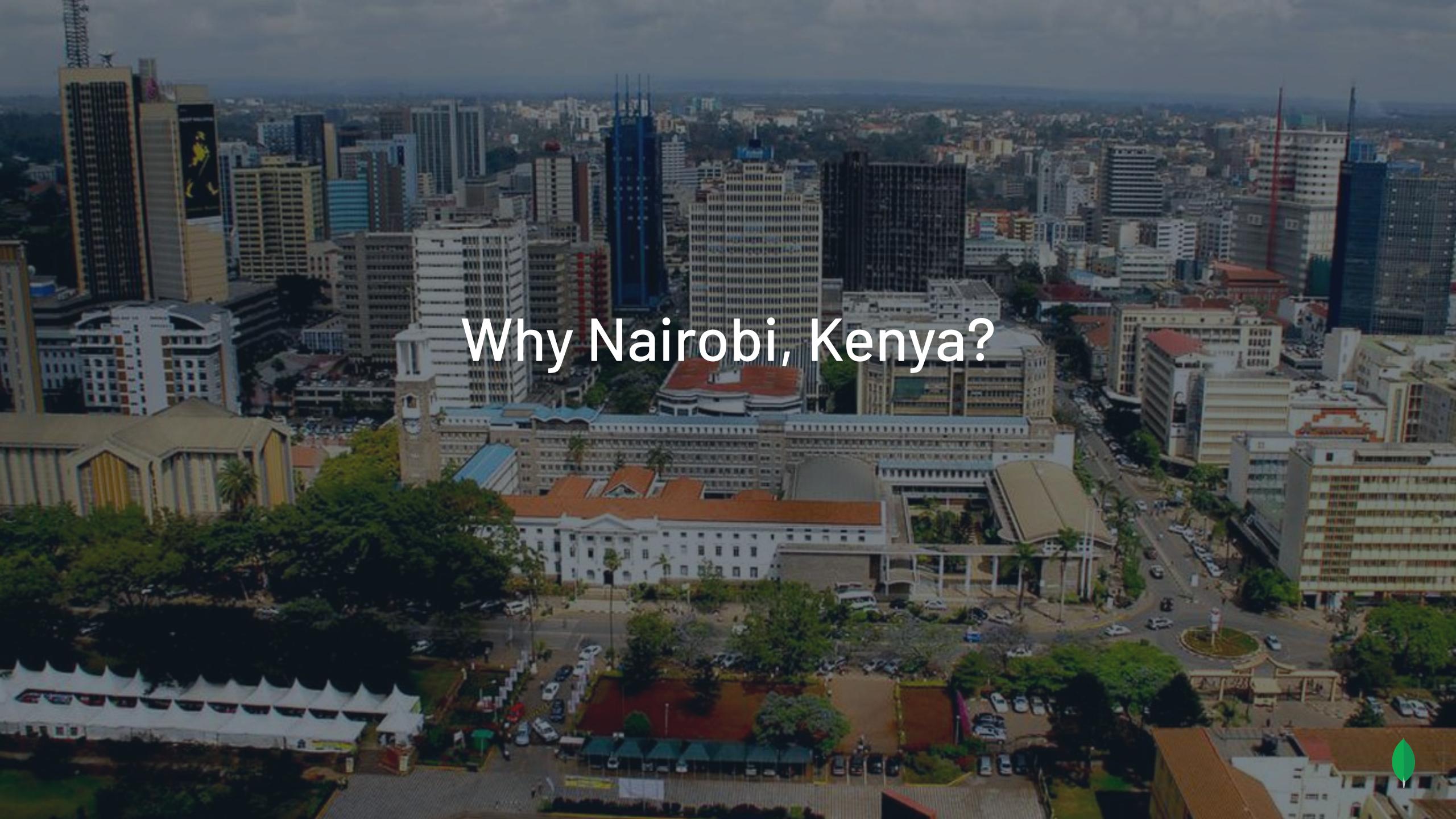
Use a chat function and profile information to build trust before an exchange.





Kenya field research



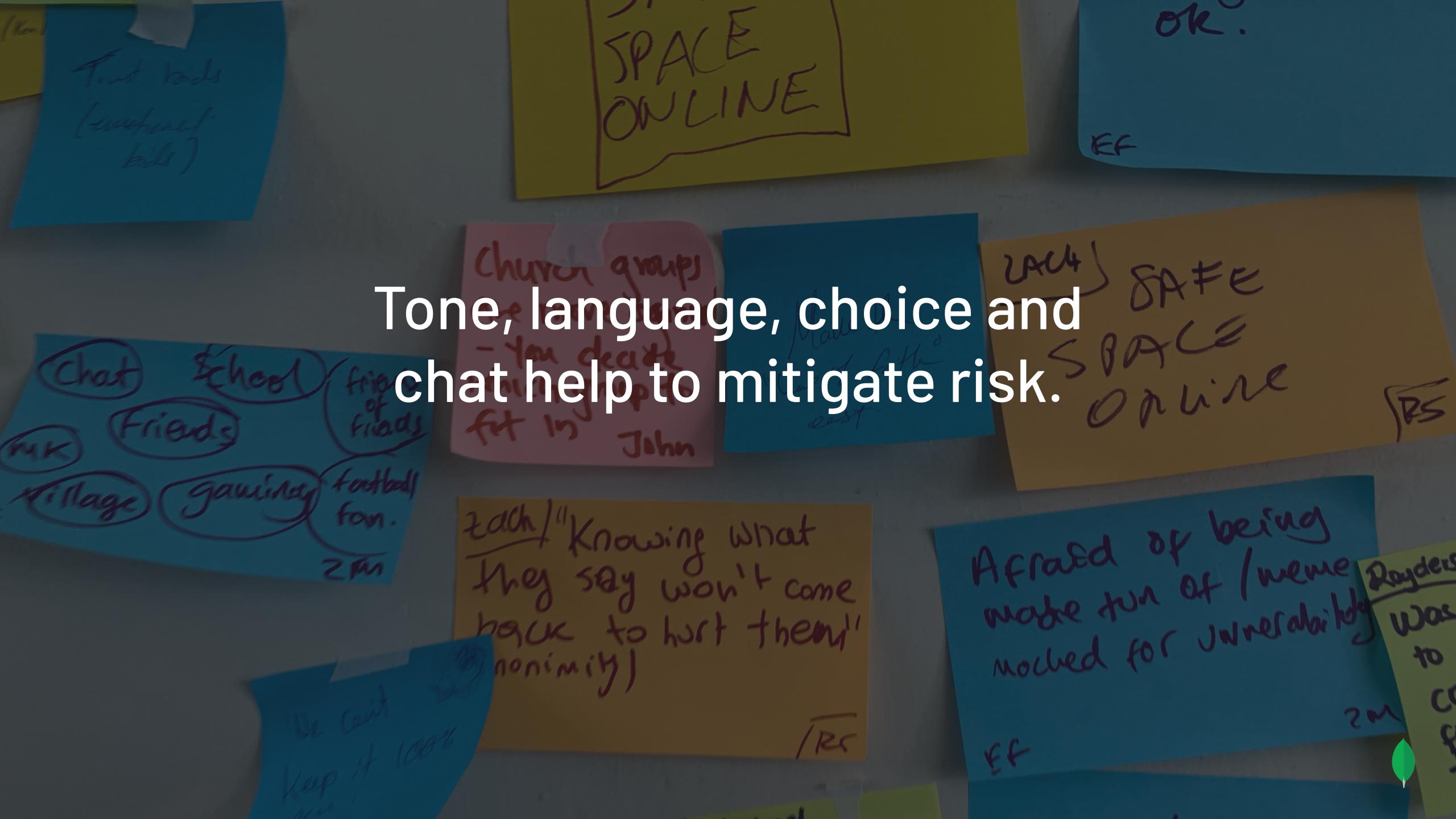


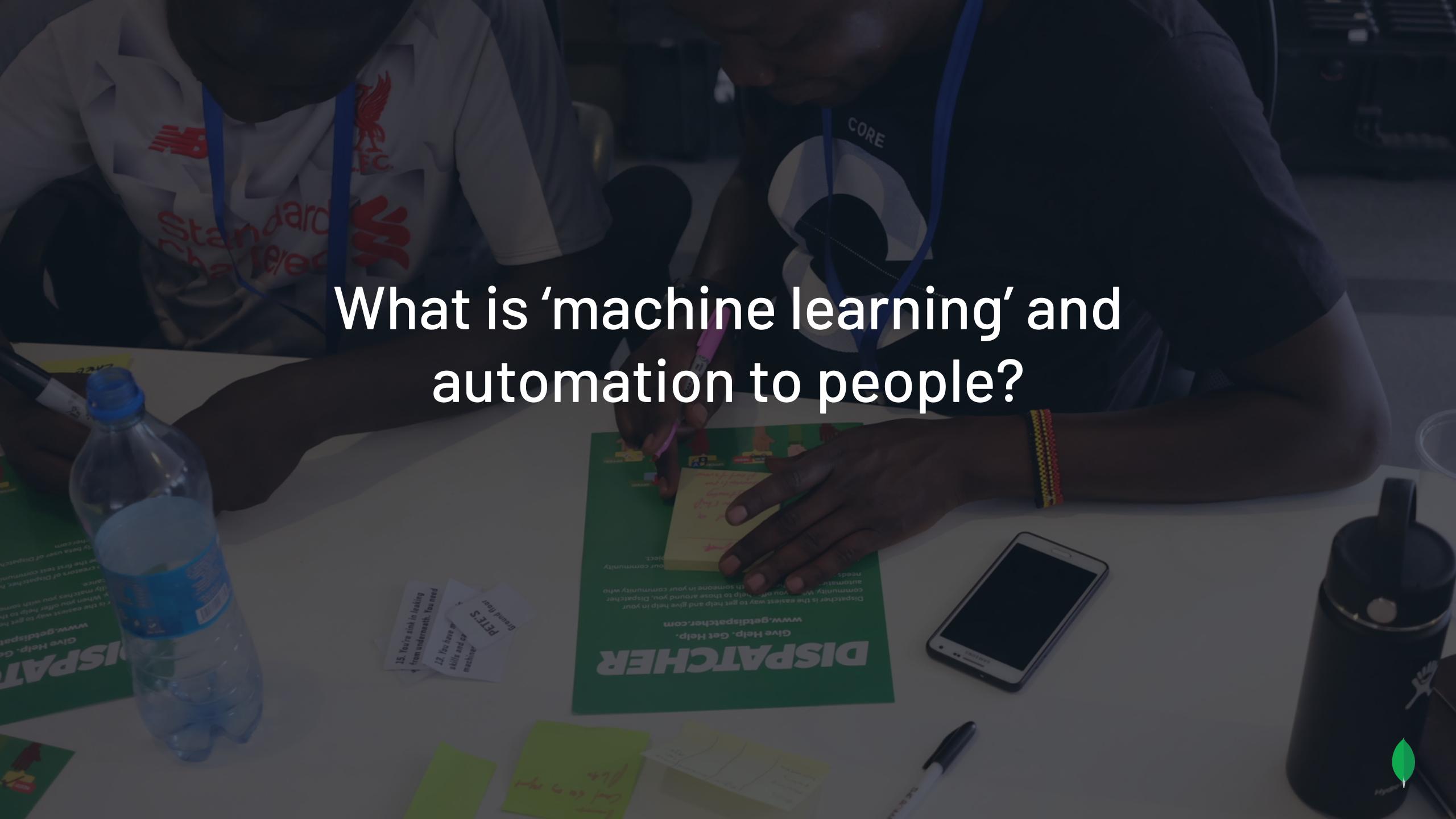














Thankyou

Slides and notes: https://noti.st/eriolfox